

Claims

What is claimed is:

1. A housing component comprising:
a structural member; and
an extension projecting from the structural member, in which the
extension comprises an elastic wall.
2. The housing component of claim 1 in which the elastic wall comprises an
elastic surface in which at least a portion faces away from the structural
member.
3. The housing component of claim 2 in which a portion of the elastic surface
is in contact with the structural member.
4. The housing component of claim 3 further comprising an interface of unlike
materials between the extension and the structural member.
5. The housing component of claim 1 in which the extension essentially
consists of an elastic material.
6. The housing component of claim 1 in which the extension is directly
adhered to the structural member.
7. The housing component of claim 1 further comprising an adhesive joining
the extension to the structural member.

8. A housing for an electronic device, the housing comprising:
 - the housing component of claim 1; and
 - at least one housing element in assembly with the housing component and forming an interior into which the extension projects.
9. A data storage device comprising:
 - a disc stack assembly rotatably mounted to the housing; and
 - the housing of claim 8 configured such that fluid flow generated by the disc stack assembly in rotation impinges on the extension substantially at the elastic surface.
10. The data storage device of claim 9 further comprising a filtration unit in the interior of the housing, in which the elastic surface is configured to direct the fluid flow to or from the filtration unit.
11. A method of forming the housing component of claim 1 comprising:
 - (a) applying a gel-like material to the structural member; and
 - (b) allowing the gel-like material to cure and form the extension.
12. The method of claim 11 in which the applying step (a) comprises extruding the gel-like material onto the structural member.
13. A method of forming the housing component of claim 1 comprising:
 - (a) providing a molded elastic extension; and
 - (b) attaching the extension to the structural member.
14. A device comprising:
 - a housing in which fluid flow is generated;

an extension projecting internally of the housing; and
means for reducing propagation of vibrations induced by the fluid flow
from the extension to the housing.

15. The device of claim 14 in which the means for reducing propagation of
vibrations further comprises means for directing the fluid flow.

16. The device of claim 15 further comprises a filtration unit in the housing, in
which the means for reducing propagation of vibrations further comprises
means for directing the fluid flow to or from the filtration unit.